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PLUS Search Results for S/N 10088238, Searched October 26, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

5625877	5805997	5537549	6188767	5995041	6781969
6157832	5832380	5548814	6198920	6009553	6807162
6167270	5835860	5550827	6223031	6028853	5608780
6208858	5878346	5553095	6223031	6035200	5365525
4614945	5878345	5563878	6233456	6038452	5768688
5278568	5884166	5659605	4337376	6052365	6014557
5414817	5892774	5712903	4451699	6075781	6084864
5537411	5893035	5734651	4479245	6096025	5365516
5610917	5940762	5815561	4554669	6104933	5930248
5655215	5974236	5823788	4554668	6107959	6044270
5659596	5982858	5923659	4901307	6125110	4771448
5734645	5999810	5940758	5179720	6125148	4910794
5923649	6011978	5956322	5187805	6130883	5483676
5956645	6018664	5978357	5276908	6137786	5502721
6006100	6049538	5978450	5303286	6157668	5610595
6058107	6108539	6023733	5321542	6169732	5987023
6073018	6208836	6041057	5323446	6175739	6078820
6160992	6259782	6084892	5355529	6178327	6091717
6175557	6334062	6097719	5392355	6201819	6094426
6181682	6373820	6160497	5410588	6205125	6125281
6272338	6396828	6181695	5410728	6205129	6188892
6272341	6449494	6195425	5434859	6219347	6212173
6278861	6463298	6222483	5442681	6229793	6212173
6320855	6483822	6222483	5473669	6347080	6252868
6385451	6625420	6330250	5487175	6374078	6311060
6411806	6633555	6370153	5497505	6381250	4041393
6418324	6694146	6377809	5528693	6388996	4279036
6426959	6708206	6401127	5533026	6397064	4764982
6456845	6732150	6427010	5533014	6400712	4811421
6477370	6785249	6430595	5590406	6406426	4860352
6504836	4521882	6526030	5604920	6415137	4979170
6625449	4380063	6757286	5717737	6449257	5016269
6714780	4488004	6775707	5722074	6456627	5365450
5689502	4532625	5828659	5722077	6456860	5367452
5774533	4937822	5646761	5724658	6469992	5377192

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5802046	6175574	6148197	5732074	6487191	5396541
4856028	4172963	5353331	5734985	6526036	5432841
5187807	4284843	5390365	5740168	6532364	5479475
5381465	4514843	5469496	5781547	6560211	5512885
5577046	4768145	5506887	5799252	6611505	5530963
5602843	H000586	5579379	5809422	6611509	5543813
5633874	4875208	5610972	5864760	6628957	5561851
5646980	5025382	5623485	5884144	6643525	5673259
5694456	5307463	5664005	5903554	6724746	5678196
5694391	5390242	5758281	5909469	6738619	5729531
5696760	5398012	5971324	5930244	6751199	5742910
5701298	5400331	6011975	5933424	6751478	5751731
5737706	5410732	6018532	5956696	6760313	5757813
5745484	5438329	6125120	5974325	6760597	5761204
5751693	5517510	6154499	5991262	6771987	5768264

Titles of Most Frequently Occurring Classifications of Patents Returned

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21  370/335      (9 OR, 12 XR)
      Class      370 : MULTIPLEX COMMUNICATIONS
      370/310    COMMUNICATION OVER FREE SPACE
      370/328    .Having a plurality of contiguous regions
                  served by respective fixed stations
      370/329    ..Channel assignment
      370/335    ...Combining or distributing information via
                  code word channels using multiple access te
chniques (e.g.,
                  CDMA)

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19 370/342      (6 OR, 13 XR)
      Class 370 : MULTIPLEX COMMUNICATIONS
      370/310    COMMUNICATION OVER FREE SPACE
      370/342    .Combining or distributing information via cod
e
                        word channels using multiple access techni
ues (e.g., CDMA)

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17  455/466      (6 OR, 11 XR)
      Class      455 :  TELECOMMUNICATIONS
      455/403     RADIOTELEPHONE SYSTEM
      455/466     .Auxiliary data signaling (e.g., short message
                    service (SMS))

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e 370/345 .Combining or distributing information via tim  
channels

370/349 ..Using messages having an address field as  
header

13 370/329 (6 OR, 7 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/328 .Having a plurality of contiguous regions  
served by respective fixed stations  
370/329 ..Channel assignment

13 455/522 (4 OR, 9 XR)  
Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
455/500 .Plural transmitters or receivers (i.e., more  
than two stations)  
455/507 ..Central station (e.g., master, etc.)  
455/517 ...To or from mobile station  
455/522 ....Transmission power control technique

12 455/445 (3 OR, 9 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/445 ..Call routing (e.g., to prevent backhaul,  
routing efficiency, least cost, or alternat  
e routing)

11 455/450 (3 OR, 8 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/450 ..Channel allocation

10 370/347 (6 OR, 4 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/345 .Combining or distributing information via tim  
e channels  
370/347 ..Multiple access (e.g., TDMA)

10 455/560 (2 OR, 8 XR)  
Class 455 : TELECOMMUNICATIONS  
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

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## TRANSCEIVER)

455/550.1 .Radiotelephone equipment detail  
 455/560 ..Switching unit detail (e.g., mobile telephon  
 e  
 switching office (MTSO), base station contr  
 oller (BSC),  
 etc.)

- 10 455/67.11 (1 OR, 9 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
 455/67.11 .Having measuring, testing, or monitoring of  
 system or part
- 9 370/332 (2 OR, 7 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/310 COMMUNICATION OVER FREE SPACE  
 370/328 .Having a plurality of contiguous regions  
 served by respective fixed stations  
 370/329 ..Channel assignment  
 370/331 ...Hand-off control  
 370/332 ....Based upon a particular signal quality  
 measurement
- 9 370/337 (0 OR, 9 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/310 COMMUNICATION OVER FREE SPACE  
 370/328 .Having a plurality of contiguous regions  
 served by respective fixed stations  
 370/329 ..Channel assignment  
 370/336 ...Combining or distributing information via  
 time channels  
 370/337 ....Multiple access (e.g., TDMA)
- 9 370/350 (1 OR, 8 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/310 COMMUNICATION OVER FREE SPACE  
 370/345 .Combining or distributing information via tim  
 e  
 channels  
 370/350 ..Synchronization
- 9 370/401 (3 OR, 6 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/351 PATHFINDING OR ROUTING  
 370/389 .Switching a message which includes an address

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header
370/400      ..Having a plurality of nodes performing
              distributed switching
370/401      ...Bridge or gateway between networks

9  370/468      (3 OR, 6 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
370/464      COMMUNICATION TECHNIQUES FOR INFORMATION
              CARRIED IN PLURAL CHANNELS
370/465      .Adaptive
370/468      ..Assignment of variable bandwidth or time
              period for transmission or reception

9  455/422.1    (6 OR, 3 XR)
    Class 455 : TELECOMMUNICATIONS
455/403      RADIOTELEPHONE SYSTEM
455/422.1    .Zoned or cellular telephone system

9  455/424      (1 OR, 8 XR)
    Class 455 : TELECOMMUNICATIONS
455/403      RADIOTELEPHONE SYSTEM
455/422.1    .Zoned or cellular telephone system
455/423      ..Diagnostic testing, malfunction indication,
              or electrical condition measurement
455/424      ...System equipment

9  455/437      (2 OR, 7 XR)
    Class 455 : TELECOMMUNICATIONS
455/403      RADIOTELEPHONE SYSTEM
455/422.1    .Zoned or cellular telephone system
455/436      ..Handoff
455/437      ...Mobile assisted or initiated

9  455/442      (4 OR, 5 XR)
    Class 455 : TELECOMMUNICATIONS
455/403      RADIOTELEPHONE SYSTEM
455/422.1    .Zoned or cellular telephone system
455/436      ..Handoff
455/442      ...Soft handoff

8  370/252      (5 OR, 3 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
370/241      DIAGNOSTIC TESTING (OTHER THAN SYNCHRONIZATION
)
370/252      .Determination of communication parameters

8  455/12.1     (0 OR, 8 XR)

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Class 455 : TELECOMMUNICATIONS  
455/7 CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,  
RETRANSMISSION OF SAME INFORMATION)  
455/11.1 .Portable or mobile repeater  
455/12.1 ..Space satellite

8 455/13.1 (3 OR, 5 XR)  
Class 455 : TELECOMMUNICATIONS  
455/7 CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,  
RETRANSMISSION OF SAME INFORMATION)  
455/11.1 .Portable or mobile repeater  
455/12.1 ..Space satellite  
455/13.1 ...With plural repeater or relay systems

8 455/426.1 (4 OR, 4 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/426.1 ..Including other radio communication system  
(e.g., cordless telephone, paging, trunking  
, etc.)

8 455/428 (7 OR, 1 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/427 ..Space satellite  
455/428 ...Switching or routing

8 455/430 (3 OR, 5 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/427 ..Space satellite  
455/430 ...Ground station control

8 455/433 (1 OR, 7 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/432.1 ..Roaming  
455/433 ...Home location registration (HLR) or visitor  
location registration (VLR) detail

8 455/461 (4 OR, 4 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/461 .Including personal numbering system (i.e.,



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or follow-me

intelligent network for subscriber tracking  
subscriber feature)

- 8 455/517 (0 OR, 8 XR)  
Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
  
455/500 .Plural transmitters or receivers (i.e., more  
than two stations)  
455/507 ..Central station (e.g., master, etc.)  
455/517 ...To or from mobile station
- 8 455/62 (0 OR, 8 XR)  
Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
  
455/62 .Optimum frequency selection
- 7 370/328 (6 OR, 1 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/328 .Having a plurality of contiguous regions  
served by respective fixed stations
- 7 370/338 (2 OR, 5 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/328 .Having a plurality of contiguous regions  
served by respective fixed stations  
370/338 ..Contiguous regions interconnected by a local  
area network
- 7 370/346 (2 OR, 5 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/345 .Combining or distributing information via tim  
e  
channels  
370/346 ..Polling
- 7 379/230 (1 OR, 6 XR)  
Class 379 : TELEPHONIC COMMUNICATIONS  
379/219 PLURAL EXCHANGE NETWORK OR INTERCONNECTION  
379/229 .Interexchange signalling  
379/230 ..Signalling path distinct from trunk (e.g.,  
CCIS)

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7 455/439 (1 OR, 6 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/403 RADIOTELEPHONE SYSTEM  
 455/422.1 .Zoned or cellular telephone system  
 455/436 ..Handoff  
 455/439 ...Handoff initiated by another source (e.g.,  
 target, user initiated, mobile switching ce  
 nter (MSC), or  
 mobile telephone switching office (MTSO), e  
 tc.)

7 455/454 (2 OR, 5 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/403 RADIOTELEPHONE SYSTEM  
 455/422.1 .Zoned or cellular telephone system  
 455/450 ..Channel allocation  
 455/454 ...Spectrum sharing for different type of  
 system (e.g., point-to-point microwave, tel  
 evision, etc.)

6 370/280 (3 OR, 3 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/276 DUPLEX  
 370/277 .Communication over free space  
 370/280 ..Time division

6 370/356 (1 OR, 5 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/351 PATHFINDING OR ROUTING  
 370/352 .Combined circuit switching and packet  
 switching  
 370/356 ..Routing circuit switched traffic through a  
 packet switching network

6 370/465 (1 OR, 5 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/464 COMMUNICATION TECHNIQUES FOR INFORMATION  
 CARRIED IN PLURAL CHANNELS  
 370/465 .Adaptive

6 455/423 (3 OR, 3 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/403 RADIOTELEPHONE SYSTEM  
 455/422.1 .Zoned or cellular telephone system  
 455/423 ..Diagnostic testing, malfunction indication,  
 or electrical condition measurement



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5  370/519          (0 OR, 5 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
    370/473      ..Transmission of a single message having
                  multiple packets
    370/498      .Combining or distributing information via tim
e
                  channels
    370/503      ..Synchronizing
    370/516      ...Adjusting for phase or jitter
    370/517      ....Including delay device
    370/519      .....Delay based upon propagation delay time

5  375/356          (0 OR, 5 XR)
    Class 375 : PULSE OR DIGITAL COMMUNICATIONS
    375/354      SYNCHRONIZERS
    375/356      .Network synchronizing more than two stations

5  455/431          (4 OR, 1 XR)
    Class 455 : TELECOMMUNICATIONS
    455/403      RADIOTELEPHONE SYSTEM
    455/422.1    .Zoned or cellular telephone system
    455/431      ..Airborne or aircraft

5  455/452.1        (3 OR, 2 XR)
    Class 455 : TELECOMMUNICATIONS
    455/403      RADIOTELEPHONE SYSTEM
    455/422.1    .Zoned or cellular telephone system
    455/450      ..Channel allocation
    455/452.1    ...Dynamic allocation

5  455/502          (1 OR, 4 XR)
    Class 455 : TELECOMMUNICATIONS
    455/39       TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

    455/500      .Plural transmitters or receivers (i.e., more
                  than two stations)
    455/501      ..Noise, distortion, or singing reduction
    455/502      ...Synchronized stations

5  455/509          (0 OR, 5 XR)
    Class 455 : TELECOMMUNICATIONS
    455/39       TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

    455/500      .Plural transmitters or receivers (i.e., more
                  than two stations)
    455/507      ..Central station (e.g., master, etc.)
    455/509      ...Channel allocation

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- 5 455/552.1 (2 OR, 3 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.  
                     TRANSCIVER)  
     455/550.1 .Radiotelephone equipment detail  
     455/552.1 ..Operable on more than one system
- 5 455/63.1 (0 OR, 5 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
     455/63.1 .Distortion, noise, or other interference  
                     prevention, reduction, or compensation
- 4 370/336 (2 OR, 2 XR)  
     Class 370 : MULTIPLEX COMMUNICATIONS  
     370/310 COMMUNICATION OVER FREE SPACE  
     370/328 .Having a plurality of contiguous regions  
                     served by respective fixed stations  
     370/329 ..Channel assignment  
     370/336 ...Combining or distributing information via  
                     time channels
- 4 370/341 (1 OR, 3 XR)  
     Class 370 : MULTIPLEX COMMUNICATIONS  
     370/310 COMMUNICATION OVER FREE SPACE  
     370/340 .Using trunking  
     370/341 ..Channel assignment
- 4 370/351 (0 OR, 4 XR)  
     Class 370 : MULTIPLEX COMMUNICATIONS  
     370/351 PATHFINDING OR ROUTING
- 4 370/352 (3 OR, 1 XR)  
     Class 370 : MULTIPLEX COMMUNICATIONS  
     370/351 PATHFINDING OR ROUTING  
     370/352 .Combined circuit switching and packet  
                     switching
- 4 370/467 (2 OR, 2 XR)  
     Class 370 : MULTIPLEX COMMUNICATIONS  
     370/464 COMMUNICATION TECHNIQUES FOR INFORMATION  
                     CARRIED IN PLURAL CHANNELS  
     370/465 .Adaptive  
     370/466 ..Converting between protocols  
     370/467 ...Conversion between signaling protocols

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- 4 370/522 (1 OR, 3 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/473 ..Transmission of a single message having  
                   multiple packets  
 370/498 .Combining or distributing information via tim  
 e  
                   channels  
 370/522 ..Signaling (ancillary to main information)
- 4 379/221.08 (0 OR, 4 XR)  
 Class 379 : TELEPHONIC COMMUNICATIONS  
 379/219 PLURAL EXCHANGE NETWORK OR INTERCONNECTION  
 379/220.01 .With interexchange network routing  
 379/221.08 ..Advanced intelligent network (AIN)
- 4 379/84 (0 OR, 4 XR)  
 Class 379 : TELEPHONIC COMMUNICATIONS  
 379/67.1 AUDIO MESSAGE STORAGE, RETRIEVAL, OR SYNTHESIS  
 379/68 .Dynamic audio signal recording or reproductio  
 n  
 379/70 ..Call intercept or answering  
 379/84 ...At switching facility (e.g., central office  
 ,  
                   switchboard)
- 4 455/13.2 (0 OR, 4 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/7 CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,  
                   RETRANSMISSION OF SAME INFORMATION)  
 455/11.1 .Portable or mobile repeater  
 455/12.1 ..Space satellite  
 455/13.2 ...With synchronizing of satellites or system
- 4 455/17 (1 OR, 3 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/7 CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,  
                   RETRANSMISSION OF SAME INFORMATION)  
 455/17 .Plural modulated carriers
- 4 455/20 (0 OR, 4 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/7 CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,  
                   RETRANSMISSION OF SAME INFORMATION)  
 455/20 .With frequency conversion

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4 455/403 (2 OR, 2 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/403 RADIOTELEPHONE SYSTEM

4 455/414.1 (0 OR, 4 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/403 RADIOTELEPHONE SYSTEM  
     455/414.1 .Special service

4 455/434 (1 OR, 3 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/403 RADIOTELEPHONE SYSTEM  
     455/422.1 .Zoned or cellular telephone system  
     455/434 ..Control or access channel scanning

4 455/553.1 (3 OR, 1 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)

455/550.1 .Radiotelephone equipment detail  
     455/552.1 ..Operable on more than one system  
     455/553.1 ...Radiotelephone having plural transceivers  
                     (e.g., for analog and digital, trunking and  
 cellular, etc.)

4 455/557 (1 OR, 3 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)

455/550.1 .Radiotelephone equipment detail  
     455/557 ..Interface attached device (e.g., interface  
                     with modem, facsimile, computer, etc.)

4 455/562.1 (1 OR, 3 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)

455/550.1 .Radiotelephone equipment detail  
     455/561 ..Base station detail  
     455/562.1 ...Having specific antenna arrangement

4 455/566 (0 OR, 4 XR)  
     Class 455 : TELECOMMUNICATIONS

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455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.  
TRANSCIVER)

455/550.1 .Radiotelephone equipment detail  
455/566 ..Having display

3 342/357.1 (1 OR, 2 XR)  
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
AND DEVICES  
342/350 DIRECTIVE  
342/352 .Including a satellite  
342/357.01 ..With position indicating  
342/357.06 ...Using Global Positioning Satellite (GPS or  
Glonass)  
342/357.1 ....Combined with telecommunication

3 342/457 (0 OR, 3 XR)  
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
AND DEVICES  
342/350 DIRECTIVE  
342/450 .Position indicating (e.g., triangulation)  
342/457 ..Land vehicle location (e.g., bus, police car

3 370/242 (1 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/241 DIAGNOSTIC TESTING (OTHER THAN SYNCHRONIZATION  
)

370/242 .Fault detection

3 370/255 (0 OR, 3 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/254 NETWORK CONFIGURATION DETERMINATION  
370/255 .Using a particular learning algorithm or  
technique

3 370/311 (0 OR, 3 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/311 .Signaling for performing battery saving

3 370/313 (2 OR, 1 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/313 .Portable address responsive receiver

3 370/320 (1 OR, 2 XR)



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Class	370	:	MULTIPLEX COMMUNICATIONS
370/310			COMMUNICATION OVER FREE SPACE
370/315			.Repeater
370/316			..Airborne or space satellite repeater
370/319			...Multiple access (e.g., FDMA)
370/320			....Code division (CDMA)

  

3	370/343		(0 OR, 3 XR)	
	Class	370	:	MULTIPLEX COMMUNICATIONS
	370/310			COMMUNICATION OVER FREE SPACE
	370/343			.Combining or distributing information via frequency channels

  

3	370/389		(0 OR, 3 XR)	
	Class	370	:	MULTIPLEX COMMUNICATIONS
	370/351			PATHFINDING OR ROUTING
	370/389			.Switching a message which includes an address header

  

3	370/392		(3 OR, 0 XR)	
	Class	370	:	MULTIPLEX COMMUNICATIONS
	370/351			PATHFINDING OR ROUTING
	370/389			.Switching a message which includes an address header
	370/392			..Processing of address header for routing, pe r se

  

3	370/442		(0 OR, 3 XR)	
	Class	370	:	MULTIPLEX COMMUNICATIONS
	370/431			CHANNEL ASSIGNMENT TECHNIQUES
	370/442			.Combining or distributing information via tim e channels using multiple access technique (e .g., TDMA)

  

3	370/524		(0 OR, 3 XR)	
	Class	370	:	MULTIPLEX COMMUNICATIONS
	370/473			..Transmission of a single message having multiple packets
	370/498			.Combining or distributing information via tim e channels
	370/522			..Signaling (ancillary to main information)
	370/524			...Using a dedicated signaling channel (i.e., D-channel)

  

3	375/130		(1 OR, 2 XR)
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Class	375	:	PULSE OR DIGITAL COMMUNICATIONS
375/130			SPREAD SPECTRUM

  

3	375/133	(2 OR, 1 XR)	
	Class	375	: PULSE OR DIGITAL COMMUNICATIONS
	375/130		SPREAD SPECTRUM
	375/132		.Frequency hopping
	375/133		..End-to-end transmission system

  

3	375/358	(0 OR, 3 XR)	
	Class	375	: PULSE OR DIGITAL COMMUNICATIONS
	375/354		SYNCHRONIZERS
	375/358		.Feedback, receiver to transmitter

  

3	379/221.09	(0 OR, 3 XR)	
	Class	379	: TELEPHONIC COMMUNICATIONS
	379/219		PLURAL EXCHANGE NETWORK OR INTERCONNECTION
	379/220.01		.With interexchange network routing
	379/221.08		..Advanced intelligent network (AIN)
	379/221.09		...Service control point (SCP, ISCP, external database)

  

3	379/229	(0 OR, 3 XR)	
	Class	379	: TELEPHONIC COMMUNICATIONS
	379/219		PLURAL EXCHANGE NETWORK OR INTERCONNECTION
	379/229		.Interexchange signalling

  

3	379/88.25	(2 OR, 1 XR)	
	Class	379	: TELEPHONIC COMMUNICATIONS
	379/67.1		AUDIO MESSAGE STORAGE, RETRIEVAL, OR SYNTHESIS
	379/88.22		.Message management
	379/88.23		..Controlled by subscriber or caller
	379/88.25		...Message storage in centralized location (e.g., central office, PBX, etc.)

  

3	398/125	(2 OR, 1 XR)	
	Class	398	: OPTICAL COMMUNICATIONS
	398/118		OPTICAL COMMUNICATION OVER FREE SPACE
	398/121		.Satellite system
	398/125		..Space to ground or ground to space

  

3	455/419	(0 OR, 3 XR)	
	Class	455	: TELECOMMUNICATIONS
	455/403		RADIOTELEPHONE SYSTEM
	455/418		.Programming control
	455/419		..Remote programming control

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3  455/427      (1 OR, 2 XR)
    Class  455 :  TELECOMMUNICATIONS
    455/403      RADIOTELEPHONE SYSTEM
    455/422.1    .Zoned or cellular telephone system
    455/427      ..Space satellite

3  455/435.1    (0 OR, 3 XR)
    Class  455 :  TELECOMMUNICATIONS
    455/403      RADIOTELEPHONE SYSTEM
    455/422.1    .Zoned or cellular telephone system
    455/435.1    ..Registration

3  455/438      (0 OR, 3 XR)
    Class  455 :  TELECOMMUNICATIONS
    455/403      RADIOTELEPHONE SYSTEM
    455/422.1    .Zoned or cellular telephone system
    455/436      ..Handoff
    455/438      ...Serving site initiated

3  455/456.1    (2 OR, 1 XR)
    Class  455 :  TELECOMMUNICATIONS
    455/403      RADIOTELEPHONE SYSTEM
    455/422.1    .Zoned or cellular telephone system
    455/456.1    ..Location monitoring

3  455/458      (1 OR, 2 XR)
    Class  455 :  TELECOMMUNICATIONS
    455/403      RADIOTELEPHONE SYSTEM
    455/422.1    .Zoned or cellular telephone system
    455/458      ..Specific paging technique

3  455/503      (1 OR, 2 XR)
    Class  455 :  TELECOMMUNICATIONS
    455/39       TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

    455/500      .Plural transmitters or receivers (i.e., more
                  than two stations)
    455/501      ..Noise, distortion, or singing reduction
    455/502      ...Synchronized stations
    455/503      ....Simulcast system

3  455/67.13    (0 OR, 3 XR)
    Class  455 :  TELECOMMUNICATIONS
    455/39       TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

    455/67.11    .Having measuring, testing, or monitoring of
                  system or part
    455/67.13    ..Noise, distortion, or unwanted signal
  
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detection (e.g., quality control, etc.)

3 455/67.16 (0 OR, 3 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/67.11 .Having measuring, testing, or monitoring of  
 system or part

455/67.16 ..Phase measuring (e.g., group delay,  
 propagation effect, etc.)

3 455/69 (1 OR, 2 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/68 .With control signal

455/69 ..Transmitter controlled by signal feedback  
 from receiver

3 455/9 (0 OR, 3 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/7 CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,  
 RETRANSMISSION OF SAME INFORMATION)  
 455/9 .Monitoring

3 714/704 (0 OR, 3 XR)  
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
 DETECTION/RECOVERY  
 714/699 PULSE OR DATA ERROR HANDLING  
 714/704 .Error count or rate

3 714/749 (0 OR, 3 XR)  
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
 DETECTION/RECOVERY  
 714/699 PULSE OR DATA ERROR HANDLING  
 714/746 .Digital data error correction  
 714/748 ..Request for retransmission  
 714/749 ...Retransmission if no ACK returned

2 250/203.1 (0 OR, 2 XR)  
 Class 250 : RADIANT ENERGY  
 250/200 PHOTOCELLS; CIRCUITS AND APPARATUS  
 250/201.1 .Photocell controls its own optical systems  
 250/203.1 ..Following a target (e.g., a star or  
 instrument pointer or other object) other t

han a pattern

2 340/870.03 (1 OR, 1 XR)

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Class 340 : COMMUNICATIONS: ELECTRICAL  
 340/870.01 CONTINUOUSLY VARIABLE INDICATING (E.G.,  
 TELEMETERING)  
 340/870.02 .With meter reading  
 340/870.03 ..Having plural transmitters

2 340/945 (0 OR, 2 XR)  
 Class 340 : COMMUNICATIONS: ELECTRICAL  
 340/945 AIRCRAFT ALARM OR INDICATING SYSTEMS

2 340/961 (1 OR, 1 XR)  
 Class 340 : COMMUNICATIONS: ELECTRICAL  
 340/945 AIRCRAFT ALARM OR INDICATING SYSTEMS  
 340/961 .Potential collision with other aircraft

2 342/352 (0 OR, 2 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
 AND DEVICES  
 342/350 DIRECTIVE  
 342/352 .Including a satellite

2 342/357.01 (1 OR, 1 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
 AND DEVICES  
 342/350 DIRECTIVE  
 342/352 .Including a satellite  
 342/357.01 ..With position indicating

2 342/357.09 (2 OR, 0 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
 AND DEVICES  
 342/350 DIRECTIVE  
 342/352 .Including a satellite  
 342/357.01 ..With position indicating  
 342/357.06 ...Using Global Positioning Satellite (GPS or  
 Glonass)  
 342/357.09 ....With transmission of location-indicative  
 information to or from a remote station

2 342/361 (0 OR, 2 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
 AND DEVICES  
 342/350 DIRECTIVE  
 342/361 .Including polarized signal communication  
 transmitter or receiver

2 342/370 (0 OR, 2 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS

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AND DEVICES

342/350 DIRECTIVE  
342/368 .Including a steerable array  
342/370 ..Retrodirective

2 342/450 (0 OR, 2 XR)  
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
AND DEVICES  
342/350 DIRECTIVE  
342/450 .Position indicating (e.g., triangulation)

2 343/833 (0 OR, 2 XR)  
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS  
343/700R ANTENNAS  
343/833 .Antenna with parasitic director

2 343/879 (0 OR, 2 XR)  
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS  
343/700R ANTENNAS  
343/878 .With support for antenna, reflector or  
director  
343/879 ..For plural separate antennas

2 343/893 (0 OR, 2 XR)  
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS  
343/700R ANTENNAS  
343/893 .Plural antennas

2 356/141.1 (0 OR, 2 XR)  
Class 356 : OPTICS: MEASURING AND TESTING  
356/138 ANGLE MEASURING OR ANGULAR AXIAL ALIGNMENT  
356/140 .Apex of angle at observing or detecting  
station  
356/141.1 ..With photodetection of reflected beam angle  
with respect to a unidirectional source bea

m

2 370/209 (2 OR, 0 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/203 GENERALIZED ORTHOGONAL OR SPECIAL MATHEMATICAL  
TECHNIQUES  
370/208 .Particular set of orthogonal functions  
370/209 ..Walsh functions

2 370/235 (1 OR, 1 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/229 DATA FLOW CONGESTION PREVENTION OR CONTROL  
370/235 .Flow control of data transmission through a

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network

2 370/238 (1 OR, 1 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/229 DATA FLOW CONGESTION PREVENTION OR CONTROL  
370/235 .Flow control of data transmission through a  
network  
370/238 ..Least cost or minimum delay routing

2 370/249 (0 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/241 DIAGNOSTIC TESTING (OTHER THAN SYNCHRONIZATION  
)  
370/249 .Loopback

2 370/281 (2 OR, 0 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/276 DUPLEX  
370/277 .Communication over free space  
370/281 ..Frequency division

2 370/310 (2 OR, 0 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE

2 370/316 (1 OR, 1 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/315 .Repeater  
370/316 ..Airborne or space satellite repeater

2 370/318 (1 OR, 1 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/315 .Repeater  
370/316 ..Airborne or space satellite repeater  
370/317 ...Including noise compensation  
370/318 ....Including power control

2 370/324 (0 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/315 .Repeater  
370/316 ..Airborne or space satellite repeater  
370/319 ...Multiple access (e.g., FDMA)  
370/321 ....Time division (TDMA)  
370/324 .....Synchronization

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2  370/330      (0 OR, 2 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
    370/310    COMMUNICATION OVER FREE SPACE
    370/328    .Having a plurality of contiguous regions
                served by respective fixed stations
    370/329    ..Channel assignment
    370/330    ...Having both time and frequency assignment

2  370/348      (1 OR, 1 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
    370/310    COMMUNICATION OVER FREE SPACE
    370/345    .Combining or distributing information via tim
e
                channels
    370/347    ..Multiple access (e.g., TDMA)
    370/348    ...Channel reservation scheme

2  370/354      (0 OR, 2 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
    370/351    PATHFINDING OR ROUTING
    370/352    .Combined circuit switching and packet
                switching
    370/354    ..Switching network having separate elements t
o
                handle circuit switched traffic and packet
switched traffic

2  370/355      (1 OR, 1 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
    370/351    PATHFINDING OR ROUTING
    370/352    .Combined circuit switching and packet
                switching
    370/355    ..Routing packets through a circuit switching
                network

2  370/394      (0 OR, 2 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
    370/351    PATHFINDING OR ROUTING
    370/389    .Switching a message which includes an address
                header
    370/394    ..Sequencing or resequencing of packets to
                insure proper output sequence order

2  370/395.1    (0 OR, 2 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
    370/351    PATHFINDING OR ROUTING

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370/389 .Switching a message which includes an address header

370/395.1 ..Message transmitted using fixed length packets (e.g., ATM cells)

2 370/397 (2 OR, 0 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/351 PATHFINDING OR ROUTING

370/389 .Switching a message which includes an address header

370/395.1 ..Message transmitted using fixed length packets (e.g., ATM cells)

370/396 ...Distributed switching

370/397 ....Employing logical addressing for routing (e.g., VP or VC)

2 370/398 (0 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/351 PATHFINDING OR ROUTING

370/389 .Switching a message which includes an address header

370/395.1 ..Message transmitted using fixed length packets (e.g., ATM cells)

370/398 ...Centralized switching

2 370/400 (1 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/351 PATHFINDING OR ROUTING

370/389 .Switching a message which includes an address header

370/400 ..Having a plurality of nodes performing distributed switching

2 370/445 (2 OR, 0 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/431 CHANNEL ASSIGNMENT TECHNIQUES

370/445 .Carrier sense multiple access (CSMA)

2 370/474 (0 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/473 ..Transmission of a single message having multiple packets

370/474 .Assembly or disassembly of messages having address headers

2 370/493 (1 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/473 ..Transmission of a single message having

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multiple packets
370/480 .Combining or distributing information via
frequency channels
370/493 ..Combined voice and data transmission

2 370/496 (0 OR, 2 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/473 ..Transmission of a single message having
multiple packets
370/480 .Combining or distributing information via
frequency channels
370/496 ..Signaling

2 370/503 (0 OR, 2 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/473 ..Transmission of a single message having
multiple packets
370/498 .Combining or distributing information via tim
e
channels
370/503 ..Synchronizing

2 375/146 (0 OR, 2 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/130 SPREAD SPECTRUM
375/140 .Direct sequence
375/146 ..Transmitter

2 375/222 (1 OR, 1 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/219 TRANSCEIVERS
375/222 .Modems (data sets)

2 379/114.01 (1 OR, 1 XR)
Class 379 : TELEPHONIC COMMUNICATIONS
379/111 WITH USAGE MEASUREMENT (E.G., CALL OR TRAFFIC
REGISTER)
379/114.01 .Call charge metering or monitoring

2 379/143 (0 OR, 2 XR)
Class 379 : TELEPHONIC COMMUNICATIONS
379/143 WITH CHECK OPERATED CONTROL (E.G., PAYSTATION)

2 379/220.01 (1 OR, 1 XR)
Class 379 : TELEPHONIC COMMUNICATIONS
379/219 PLURAL EXCHANGE NETWORK OR INTERCONNECTION
379/220.01 .With interexchange network routing

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- 2 379/221.01 (0 OR, 2 XR)
  - Class 379 : TELEPHONIC COMMUNICATIONS
  - 379/219 PLURAL EXCHANGE NETWORK OR INTERCONNECTION
  - 379/220.01 .With interexchange network routing
  - 379/221.01 ..Alternate routing
- 2 379/88.2 (0 OR, 2 XR)
  - Class 379 : TELEPHONIC COMMUNICATIONS
  - 379/67.1 AUDIO MESSAGE STORAGE, RETRIEVAL, OR SYNTHESIS
  - 379/88.19 .Call source identification
  - 379/88.2 ..Automatic Number Identification (ANI)
- 2 379/88.26 (2 OR, 0 XR)
  - Class 379 : TELEPHONIC COMMUNICATIONS
  - 379/67.1 AUDIO MESSAGE STORAGE, RETRIEVAL, OR SYNTHESIS
  - 379/88.22 .Message management
  - 379/88.23 ..Controlled by subscriber or caller
  - 379/88.25 ...Message storage in centralized location  
(e.g., central office, PBX, etc.)
  - 379/88.26 ....Recording voice message from non subscribe  
r  
caller
- 2 379/93.15 (0 OR, 2 XR)
  - Class 379 : TELEPHONIC COMMUNICATIONS
  - 379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE  
OMPOSITE) ELECTRICAL SYSTEM OR SIGNALLING (E.G., C
  - 379/93.01 .Having transmission of a digital message  
signal over a telephone line
  - 379/93.14 ..Having switching station
  - 379/93.15 ...Having format conversion
- 2 380/260 (0 OR, 2 XR)
  - Class 380 : CRYPTOGRAPHY
  - 380/255 COMMUNICATION SYSTEM USING CRYPTOGRAPHY
  - 380/259 .Symmetric key cryptography
  - 380/260 ..Symmetric key synchronization
- 2 380/270 (1 OR, 1 XR)
  - Class 380 : CRYPTOGRAPHY
  - 380/255 COMMUNICATION SYSTEM USING CRYPTOGRAPHY
  - 380/270 .Wireless communication
- 2 380/274 (1 OR, 1 XR)

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Class 380 : CRYPTOGRAPHY  
 380/255 COMMUNICATION SYSTEM USING CRYPTOGRAPHY  
 380/270 .Wireless communication  
 380/274 ..Synchronization

2 398/123 (1 OR, 1 XR)  
 Class 398 : OPTICAL COMMUNICATIONS  
 398/118 OPTICAL COMMUNICATION OVER FREE SPACE  
 398/121 .Satellite system  
 398/122 ..Including alignment  
 398/123 ...Feedback control

2 398/129 (0 OR, 2 XR)  
 Class 398 : OPTICAL COMMUNICATIONS  
 398/118 OPTICAL COMMUNICATION OVER FREE SPACE  
 398/128 .Transceivers  
 398/129 ..Including alignment

2 455/126 (0 OR, 2 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/91 TRANSMITTER  
 455/126 .With feedback of modulated output signal

2 455/15 (0 OR, 2 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/7 CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,  
 RETRANSMISSION OF SAME INFORMATION)  
 455/15 .Two separate way transmission

2 455/18 (1 OR, 1 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/7 CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,  
 RETRANSMISSION OF SAME INFORMATION)  
 455/18 .With delay or recording

2 455/226.3 (0 OR, 2 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY  
 CONVERTER  
 455/226.1 .Measuring or testing of receiver  
 455/226.3 ..Signal-to-noise ratio

2 455/411 (0 OR, 2 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/403 RADIOTELEPHONE SYSTEM  
 455/410 .Security or fraud prevention  
 455/411 ..Privacy, lock-out, or authentication

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- 2 455/412.1 (0 OR, 2 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403 RADIOTELEPHONE SYSTEM
  - 455/412.1 .Message storage or retrieval
- 2 455/417 (0 OR, 2 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403 RADIOTELEPHONE SYSTEM
  - 455/414.1 .Special service
  - 455/417 ..Call diversion
- 2 455/429 (1 OR, 1 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403 RADIOTELEPHONE SYSTEM
  - 455/422.1 .Zoned or cellular telephone system
  - 455/427 ..Space satellite
  - 455/429 ...Cell projection
- 2 455/432.2 (1 OR, 1 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403 RADIOTELEPHONE SYSTEM
  - 455/422.1 .Zoned or cellular telephone system
  - 455/432.1 ..Roaming
  - 455/432.2 ...System format conversion
- 2 455/432.3 (2 OR, 0 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403 RADIOTELEPHONE SYSTEM
  - 455/422.1 .Zoned or cellular telephone system
  - 455/432.1 ..Roaming
  - 455/432.3 ...Service profile
- 2 455/435.2 (2 OR, 0 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403 RADIOTELEPHONE SYSTEM
  - 455/422.1 .Zoned or cellular telephone system
  - 455/435.1 ..Registration
  - 455/435.2 ...System selection
- 2 455/447 (0 OR, 2 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403 RADIOTELEPHONE SYSTEM
  - 455/422.1 .Zoned or cellular telephone system
  - 455/446 ..Including cell planning or layout
  - 455/447 ...Frequency reuse scheme
- 2 455/448 (0 OR, 2 XR)
  - Class 455 : TELECOMMUNICATIONS

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455/403	RADIOTELEPHONE SYSTEM
455/422.1	.Zoned or cellular telephone system
455/446	..Including cell planning or layout
455/448	...Co-located systems

2 455/451 (0 OR, 2 XR)

Class 455 :	TELECOMMUNICATIONS
455/403	RADIOTELEPHONE SYSTEM
455/422.1	.Zoned or cellular telephone system
455/450	..Channel allocation
455/451	...Hybrid allocation

2 455/455 (1 OR, 1 XR)

Class 455 :	TELECOMMUNICATIONS
455/403	RADIOTELEPHONE SYSTEM
455/422.1	.Zoned or cellular telephone system
455/455	..Channel seizing

2 455/456.3 (1 OR, 1 XR)

Class 455 :	TELECOMMUNICATIONS
455/403	RADIOTELEPHONE SYSTEM
455/422.1	.Zoned or cellular telephone system
455/456.1	..Location monitoring
455/456.3	...Position based personal service

2 455/456.5 (0 OR, 2 XR)

Class 455 :	TELECOMMUNICATIONS
455/403	RADIOTELEPHONE SYSTEM
455/422.1	.Zoned or cellular telephone system
455/456.1	..Location monitoring
455/456.5	...At system equipment (i.e., base station)

2 455/457 (1 OR, 1 XR)

Class 455 :	TELECOMMUNICATIONS
455/403	RADIOTELEPHONE SYSTEM
455/422.1	.Zoned or cellular telephone system
455/456.1	..Location monitoring
455/457	...Location display

2 455/504 (0 OR, 2 XR)

Class 455 :	TELECOMMUNICATIONS
455/39	TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
455/500	.Plural transmitters or receivers (i.e., more than two stations)
455/501	..Noise, distortion, or singing reduction
455/504	...Fading compensation

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2 455/512 (1 OR, 1 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/500 .Plural transmitters or receivers (i.e., more  
           than two stations)  
 455/507 ..Central station (e.g., master, etc.)  
 455/509 ...Channel allocation  
 455/512 ....Based on priority

2 455/514 (0 OR, 2 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/500 .Plural transmitters or receivers (i.e., more  
           than two stations)  
 455/507 ..Central station (e.g., master, etc.)  
 455/509 ...Channel allocation  
 455/514 ....Having storage detail

2 455/554.1 (0 OR, 2 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCIVER)

455/550.1 .Radiotelephone equipment detail  
 455/554.1 ..Remote private branch exchange (PBX) with  
             wireless link to landline

2 455/567 (0 OR, 2 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCIVER)

455/550.1 .Radiotelephone equipment detail  
 455/567 ..Call alerting

2 455/67.14 (2 OR, 0 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/67.11 .Having measuring, testing, or monitoring of  
             system or part  
 455/67.14 ..Using a test signal

2 455/70 (1 OR, 1 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

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455/68 .With control signal  
 455/70 ..Receiver control signal originates at messag  
 e  
 transmitter

2 455/73 (0 OR, 2 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.  
 ,  
 TRANSCEIVER)

2 455/88 (0 OR, 2 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.  
 ,  
 TRANSCEIVER)

455/88 .Transceiver controlling a separate transceive  
 r  
 or receiver

2 701/120 (1 OR, 1 XR)  
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
 RELATIVE LOCATION  
 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR  
 INDICATION  
 701/120 .Traffic analysis or control of aircraft

2 701/3 (0 OR, 2 XR)  
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
 RELATIVE LOCATION  
 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR  
 INDICATION  
 701/3 .Aeronautical vehicle

2 704/200 (0 OR, 2 XR)  
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
 COMPRESSION/DECOMPRESSION  
 704/200 SPEECH SIGNAL PROCESSING

2 705/28 (1 OR, 1 XR)  
 Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
 PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN  
 ATION  
 705/1 AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS  
 PRACTICE OR MANAGEMENT ARRANGEMENT



10088238\_CLSTITLES  
.Inventory management

705/28

2 709/206 (1 OR, 1 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING  
709/204 .Computer conferencing  
709/206 ..Demand based messaging

2 709/219 (1 OR, 1 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING  
709/217 .Remote data accessing  
709/219 ..Accessing a remote server

2 709/224 (1 OR, 1 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING  
709/223 .Computer network managing  
709/224 ..Computer network monitoring

2 709/241 (1 OR, 1 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING  
709/238 .Computer-to-computer data routing  
709/241 ..Least weight routing

2 709/243 (1 OR, 1 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING  
709/238 .Computer-to-computer data routing  
709/243 ..Decentralized controlling

2 709/245 (0 OR, 2 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING  
709/245 .Computer-to-computer data addressing

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2 714/701 (1 OR, 1 XR)  
Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
DETECTION/RECOVERY  
714/699 PULSE OR DATA ERROR HANDLING  
714/701 .Data formatting to improve error detection  
correction capability

2 714/748 (0 OR, 2 XR)  
Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
DETECTION/RECOVERY  
714/699 PULSE OR DATA ERROR HANDLING  
714/746 .Digital data error correction  
714/748 ..Request for retransmission

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Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10088238 on October 26, 2004

Original Classifications

9	370/335
7	370/331
7	455/428
6	370/328
6	370/329
6	370/342
6	370/347
6	455/422.1
6	455/466
5	370/252
4	455/426.1
4	455/431
4	455/442
4	455/461
4	455/522
3	370/280
3	370/349
3	370/352
3	370/392
3	370/401
3	370/468
3	455/13.1
3	455/423
3	455/430
3	455/445
3	455/450
3	455/452.1
3	455/553.1
2	340/825.52
2	342/357.09
2	370/209
2	370/281
2	370/310
2	370/313
2	370/332
2	370/336
2	370/338
2	370/346
2	370/397
2	370/445
2	370/467
2	375/133
2	379/88.25

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2 379/88.26  
2 398/125  
2 455/403  
2 455/432.3  
2 455/435.2  
2 455/436  
2 455/437  
2 455/453  
2 455/454  
2 455/456.1  
2 455/552.1  
2 455/560  
2 455/67.14

Cross-Reference Classifications

18 455/436  
13 370/342  
12 370/335  
11 370/349  
11 455/466  
10 370/331  
9 370/337  
9 455/445  
9 455/522  
9 455/67.11  
8 370/350  
8 455/12.1  
8 455/424  
8 455/450  
8 455/517  
8 455/560  
8 455/62  
7 370/329  
7 370/332  
7 455/433  
7 455/437  
6 370/401  
6 370/468  
6 379/230  
6 455/432.1  
6 455/439  
5 370/338  
5 370/346  
5 370/356  
5 370/465  
5 370/519  
5 375/356  
5 455/13.1

5 455/430  
5 455/442  
5 455/454  
5 455/509  
5 455/524  
5 455/561  
5 455/63.1  
4 370/347  
4 370/351  
4 370/508  
4 379/221.08  
4 379/84  
4 455/13.2  
4 455/20  
4 455/414.1  
4 455/426.1  
4 455/453  
4 455/461  
4 455/502  
4 455/566  
3 340/825.52  
3 342/457  
3 370/252  
3 370/255  
3 370/280  
3 370/311  
3 370/341  
3 370/343  
3 370/389  
3 370/442  
3 370/522  
3 370/524  
3 375/358  
3 379/221.09  
3 379/229  
3 455/17  
3 455/419  
3 455/422.1  
3 455/423  
3 455/434  
3 455/435.1  
3 455/438  
3 455/552.1  
3 455/557  
3 455/562.1  
3 455/67.13  
3 455/67.16  
3 455/9

3 714/704  
3 714/749  
2 250/203.1  
2 340/945  
2 342/352  
2 342/357.1  
2 342/361  
2 342/370  
2 342/450  
2 343/833  
2 343/879  
2 343/893  
2 356/141.1  
2 370/242  
2 370/249  
2 370/320  
2 370/324  
2 370/330  
2 370/336  
2 370/354  
2 370/394  
2 370/395.1  
2 370/398  
2 370/467  
2 370/474  
2 370/496  
2 370/503  
2 375/130  
2 375/146  
2 379/143  
2 379/221.01  
2 379/88.2  
2 379/93.15  
2 380/260  
2 398/129  
2 455/126  
2 455/15  
2 455/226.3  
2 455/403  
2 455/411  
2 455/412.1  
2 455/417  
2 455/427  
2 455/447  
2 455/448  
2 455/451  
2 455/452.1  
2 455/456.5

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2 455/458  
2 455/503  
2 455/504  
2 455/514  
2 455/554.1  
2 455/567  
2 455/69  
2 455/73  
2 455/88  
2 701/3  
2 704/200  
2 709/245  
2 714/748

Combined Classifications

21 370/335  
20 455/436  
19 370/342  
17 370/331  
17 455/466  
14 370/349  
13 370/329  
13 455/522  
12 455/445  
11 455/450  
10 370/347  
10 455/560  
10 455/67.11  
9 370/332  
9 370/337  
9 370/350  
9 370/401  
9 370/468  
9 455/422.1  
9 455/424  
9 455/437  
9 455/442  
8 370/252  
8 455/12.1  
8 455/13.1  
8 455/426.1  
8 455/428  
8 455/430  
8 455/433  
8 455/461  
8 455/517  
8 455/62  
7 370/328

7 370/338  
7 370/346  
7 379/230  
7 455/439  
7 455/454  
6 370/280  
6 370/356  
6 370/465  
6 455/423  
6 455/432.1  
6 455/453  
6 455/524  
6 455/561  
5 340/825.52  
5 370/508  
5 370/519  
5 375/356  
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5 455/452.1  
5 455/502  
5 455/509  
5 455/552.1  
5 455/63.1  
4 370/336  
4 370/341  
4 370/351  
4 370/352  
4 370/467  
4 370/522  
4 379/221.08  
4 379/84  
4 455/13.2  
4 455/17  
4 455/20  
4 455/403  
4 455/414.1  
4 455/434  
4 455/553.1  
4 455/557  
4 455/562.1  
4 455/566  
3 342/357.1  
3 342/457  
3 370/242  
3 370/255  
3 370/311  
3 370/313  
3 370/320



3 370/343  
3 370/389  
3 370/392  
3 370/442  
3 370/524  
3 375/130  
3 375/133  
3 375/358  
3 379/221.09  
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3 379/88.25  
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3 455/67.16  
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2 379/143  
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2 379/221.01  
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2 379/88.26  
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2 455/448  
2 455/451  
2 455/455  
2 455/456.3  
2 455/456.5  
2 455/457  
2 455/504  
2 455/512

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2 455/514  
2 455/554.1  
2 455/567  
2 455/67.14  
2 455/70  
2 455/73  
2 455/88  
2 701/120  
2 701/3  
2 704/200  
2 705/28  
2 709/206  
2 709/219  
2 709/224  
2 709/241  
2 709/243  
2 709/245  
2 714/701  
2 714/748